

Mohd Sameer Blockchain Developer | Web Developer

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EDUCATION

Bangalore Institute of Technology

Bachelor of Engineering in Information Science & Engineering
CGPA: 9.16

2020 – 2024 | Bangalore, India

PROFESSIONAL EXPERIENCE

Junior Blockchain Developer

GetBoarded Technologies, Ilhavo, Aveiro, Portugal · Remote

Dec 2022 – Mar 2023 | Bangalore, India

Technology Stack: React, Next, Solidity, Hardhat, JavaScript SDKs, Node js, Ethereum, IPFS, Decentralised storage solutions

- Worked on the VideoWiki [🔗](#) platform to integrate various Web3 decentralised storage solutions using identity protocols. Also, our project is submitted to various hackathons like Encode and EthGlobal.
- Worked in the integration of IPFS decentralised storage solution with underlying Filecoin technology to store the metadata content on a decentralised network.
- Worked with Arweave decentralised storage using Bundlr to store video previews generated from FFmpeg.
- Helped in the integration of on-demand video experience using decentralized Protocol Livepeer and used Solana Pay feature to implement NFT Airdrop to user's wallet from Scanning the generated QR Code.
- Also, explored the use cases of Swarm Bee Ethereum Technology in our product VideoWiki and learned the Fair Data Protocols with the underlying technology of FairOS and FairOS-dfs. Also used Docker to spin up a bee Node for storage.

PROJECTS

Lottery Contract using Chainlink VRF [🔗](#)

Solidity, Hardhat, Chai, Chainlink, JavaScript, Goerli

- Lottery contracts, written in solidity where people can enter the lottery and win the lottery in some given elapsed time.
- Staging and unit tests are written to test functionality of the contract and events emitted with gas usage.
- Deployed mock deploy scripts to the local testnet and main deploy scripts to the actual goerli testnet.
- Implemented chainlink VRF Randomness using the chainlink to get truly decentralised randomness.

Transaction Dapp [🔗](#)

Solidity, Hardhat, React, Tailwind CSS, JavaScript

- It lets you send transactions across addresses. Also, it lets you send messages and gifs (keywords) along with transactions.
- The latest transactions are visible on the page with sender and receiver addresses, with a hyperlink to Goerli Etherscan.
- The tech stack used: hardhat for the Ethereum development environment and smart contracts in solidity.
- Contract ABI and address are used for connectivity. React js and tailwind CSS are in the front end.

SKILLS

Programming Languages:

Java, C++, Solidity,
JavaScript, HTML, CSS, C

Libraries/Frameworks:

Node js, React, NEXT,
Express js, Ether js, Chai

Tools / Platforms:

Hardhat, Remix, Git, Yarn,
Linux: Ubuntu, Docker

Databases:

MongoDB, Oracle SQL

PUBLICATIONS

Decentralized File Storage using Web3.Storage, IPFS, and Filecoin [🔗](#)

22 Feb 2023

Published by: [videowiki.pt](#)

Recently, I had the opportunity to work on an exciting project where I worked on IPFS storage, a decentralized storage solution, using web3.storage to publish metadata content. The blog is published by VideoWiki.

ORGANIZATIONS

Polygon Guild

Guild Co-Mage (Lead), Bangalore

Feb 2023 – present | Bangalore, India

- As a Polygon Guild Co-Mage, I actively contribute to the organization and execution of web3-focused events in Bangalore.
- These events serve as platforms for knowledge-sharing and feature insightful talks by esteemed speakers from Flipkart, Polygon advocates, and other leaders in the web3 industry.

CERTIFICATES

Blockchain Foundations [🔗](#)

Pursued studies and completed all of the course requirements by EOSIO

Bitcoin For Developers [🔗](#)

Certificate for achievement for CS120: Bitcoin for Developers I

Hack A Miner [🔗](#)

Participant in the hackathon conducted.